AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-52 (Cancelled)

53. (New) A method comprising:

determining a representation of a network processing load associated with a server, wherein the representation of the network processing load is determined based on both,

a number of client connections to a server, and

whether each of the connections is secure or un-secure; and

selecting a power state for a processor of the server based on the representation.

54. (New) The method of claim 53, further comprising counting either the number of secure connections, un-secure connections, or both.

55. (New) The method of claim 53, wherein said selecting comprises selecting the power state from one of a plurality of operational power consuming states including a first state having a first processor core operating frequency and a second state having a second, higher processor core operating frequency.

56. (New) The method of claim 55, wherein the first processor core operating frequency is at least 733 MHz.

57. (New) The method of claim 53, further comprising, after a delay of several minutes, determining another representation of a network processing load.

58. (New) The method of claim 53, further comprising implementing the power state on the processor.

59. (New) A machine-readable medium having stored thereon data representing instructions that if executed cause a machine to perform operations comprising:

determining a representation of a network processing load associated with a server, wherein the representation of the network processing load is determined based on both,

a number of client connections to a server, and

whether each of the connections is secure or un-secure; and

selecting a power state for a processor of the server based on the representation.

60. (New) The machine-readable medium of claim 59, wherein the instructions further comprise instructions that if executed cause the machine to perform operations comprising:

counting either the number of secure connections, un-secure connections, or both.

61. (New) The machine-readable medium of claim 59, wherein the instructions to select further comprise instructions that if executed cause the machine to perform operations comprising:

selecting the power state from one of a plurality of operational power consuming states including a first state having a first processor core operating frequency and a second state having a second, higher processor core operating frequency than the first frequency.

62. (New) The machine-readable medium of claim 61, wherein the first processor core operating frequency is at least 733 MHz.

63. (New) The machine-readable medium of claim 59, wherein the instructions further comprise instructions that if executed cause the machine to perform operations comprising:

waiting until after a delay of several minutes before determining another representation of a network processing load.

64. (New) A server comprising:

one or more buses;

one or more processors coupled with the one or more buses;

a flash memory coupled with the one or more buses;

a network interface coupled with the one or more buses, the network interface to receive client connections from a plurality of clients of a network; and

data representing instructions stored on a machine-readable medium that if executed cause at least one of the one or more processors to perform operations comprising:

determining a representation of a network processing load associated with a server, wherein the representation of the network processing load is determined based on both,

a number of the client connections to the server, and

whether each of the connections is secure or un-secure; and

selecting a power state for at least one of the one or more processors of the server based on the representation.

65. (New) The server of claim 64, wherein the instructions further comprise instructions that if executed cause the at least one of the one or more processors to perform operations comprising:

counting either the number of secure connections, un-secure connections, or both.

66. (New) The server of claim 64, wherein the instructions to select further comprise instructions that if executed cause the machine to perform operations comprising:

selecting from states that each have a different processor core operating frequency.

67. (New) The server of claim perform operations comprising, wherein the instructions further comprise instructions that if executed cause the at least one of the one or more processors to perform operations comprising:

waiting until after a delay of several minutes before determining another representation of a network processing load.